

**IOWA DEPARTMENT OF NATURAL RESOURCES
WATER SUPPLY SECTION
CONSTRUCTION PERMIT APPLICATION**

SCHEDULE-4, Site Approval

Date Prepared	Project Identity
Date Revised	

I. Location: #1 _____ 1/4 of _____ Section; _____ Township; _____ Range; _____ County
 #2 _____ 1/4 of _____ Section; _____ Township; _____ Range; _____ County
 #3 _____ 1/4 of _____ Section; _____ Township; _____ Range; _____ County

II. Briefly describe the following potential sources of contamination and state their distance and direction from the proposed facility:

(a) Sewers _____

(b) Waste Water Treatment or Disposal Facilities _____

(c) Wastewater Discharges _____

(d) Chemical and Mineral Storage Handling and Transmission Facilities _____

(e) Chemical Applications on Land _____

(f) Solid Waste Disposal Sites _____

(g) Cemeteries _____

(h) Animal Confinement Facilities _____

(i) Other _____

Well Site

1. Provide as an attachment, a plat or aerial photo (minimum scale 1" = 200') showing all potential sources of contamination within a 1000 foot radius of the well as well as the surface drainage characteristics of the site (contours at 5' or less intervals are preferred).

2. Has the withdrawal of water from this well been approved by this Department? Yes ☐ No ☐

If no, explain => _____

3. Name of aquifer: _____

3. Type of overburden: _____

4. Will this well have a continuous layer of low permeability soil or rock at least five feet thick located at least 25 feet below the normal ground surface and above the aquifer from which water is to be drawn? Yes ☐ No ☐

5. Is the site subject to flooding? Yes ☐ No ☐

6. How does the owner of the facility plan to control the use of land within 200 feet of the well?

Surface Water Site

1. Provide, as an attachment, a detailed plat (minimum scale 1" = 660') showing all potential sources of contamination within 2,500 feet of the shoreline. Continue the plat six miles upstream from the proposed intake structure for river supply projects. In addition, provide information on any facility within the entire watershed that might have a significant negative impact on water quality.

2. How does the owner of the facility plan to control the use of land within the watershed within 400 feet of the shoreline?

3. Provide seasonal information concerning microbiological, physical, chemical and radiological characteristics of the water.
Are all contaminants which exceed standards treatable? Yes ☐ No ☐

4. Has this withdrawal or storage of water been approved by this Department? Yes ☐ No ☐

If no, explain => _____

Below Ground-Level Storage Reservoir Site

1. Provide as an attachment, a plat (minimum scale 1" = 50') showing all potential sources of contamination within a 200 foot radius of the reservoir.